

AMENDMENTS TO THE SPECIFICATION:

Please amend paragraph [0004] as follows:

Position errors of the satellite position as well as clock errors of the satellite clocks may occur in the case of satellite navigation systems. In the prior art, the maximal projection of the position error and clock error of the individual signals in the application range of the navigation system so far have either been modeled as a scalar linear function of the ~~length~~ longitude and ~~width~~ latitude; as a scalar linear function of the North and East value in a plane reference system, in which the signal source is situated precisely in a normal manner over the origin of the reference system; as a maximal projection of the four-dimensional position error and clock error; or as a maximal of a three dimensional error with the first two components representing the error in the North or East direction and the third component representing the clock or altitude error. Thus, this third component assumes either a spatial or a time-related character which is defined once for the algorithm for determining the navigation signal error information. ~~This~~ The scalar estimation has the disadvantage that it does not work for large ~~supply~~ coverage areas. The four-dimensional estimation has the disadvantage that clearly more observations are required than for the three-dimensional estimation. The three-dimensional estimations suggested so far have the disadvantage that the defining of the type of the third component has to take place a priori but the optimal character of the third component changes with the time and the user position. The estimation as a scalar linear function of

the North and East value has the disadvantage that it frequently supplies a poorer error description than the two three-dimensional processes.